

Converting Colors

Hex(533B38)

Have a look what the booklet for
Hex(533B38) contains.

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Color

Hex(533B38)

Conversions

Conversions Part 1

Format	Color
Hex	533B38
RGB	83, 59, 56
RGB Percent	33%, 23%, 22%
CMY	0.6745, 0.7686, 0.7804
CMYK	0.00, 0.29, 0.33, 0.67
HSL	7°, 19%, 27%
HSV	7°, 33%, 33%
XYZ	5.8451, 5.2525, 4.4471
YIQ	65.8340, 15.2670, 4.1550

Conversions

Conversions Part 2

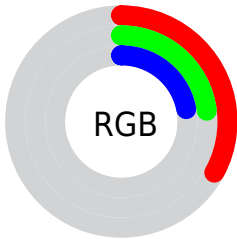
Format	Color
RYB	83, 59, 56
Decimal	5454648
CIELab	27.44, 10.11, 6.02
CIELCh	27, 11.766, 30.798
Yxy	5.2525, 0.3760, 0.3379
Android (android.graphics.Color)	4283644728 (0xFF533B38)
YUV	65.8340, -4.8482, 15.0546
Hunter-Lab	22.9182, 5.4176, 4.5379

Details

The Hex color **533B38** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **385053**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **856A67**, and **25110D** is the 20% darker color. If you saturate the color by 10%, you get **533430**, and if you desaturate by 10%, it is **534240**.

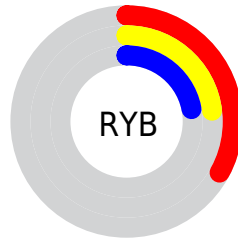
Distribution



 Red (33%)

 Green (23%)

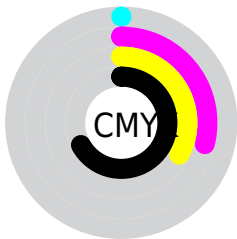
 Blue (22%)



 Red (33%)

 Yellow (23%)

 Blue (22%)

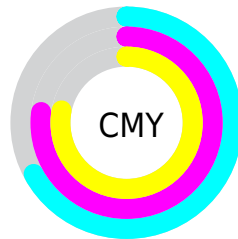


 Cyan (0%)

 Magenta (29%)

 Yellow (33%)

 Black (67%)



 Cyan (67%)

 Magenta (77%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 533B38 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 533B38 by changing the saturation by 10% instead.



533B38



533B38

FFFFFF



3B2523



856A67



25110D



A08480



000000



BB9E9A



D7B9B5



F3D4D0



FFF1EC



533B38



533B38



533430



534240

■ 532C27

■ 534A49

■ 53251F

■ 535151

■ 531D17

■ 535959

■ 53160E

■ 536061

■ 530F06

■ 53676A

■ 530900

■ 536F72

■ 53767A

■ 537D83

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



523A41



533B38



4F3D31

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



533B38



334538



364253

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



533B38



385053

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



2C4450



533B38



2B4641

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



533B38



3E4331



27464A



433E50

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



533B38



4A3F2F



27464A



324252

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



533B38



6B6260



533850



36302F



B5B5B5



363636

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



533B38



6B4641



534838



292525



690C00



E81A00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



385053



41666B



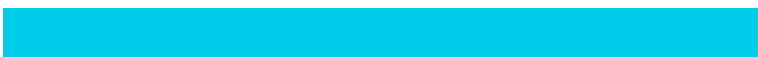
384353



252829



005D69



00CEE8

Previews

White Background



This preview shows how the Hex color 533B38 looks on a white background.

Color Contrast Check

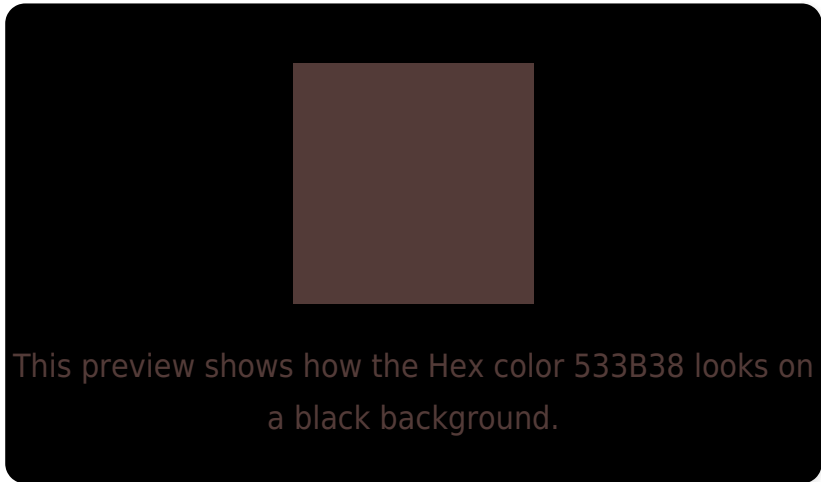
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

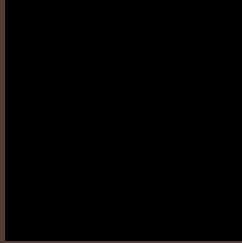
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 533B38 Background



This preview shows how black text looks on a background with the Hex color 533B38.

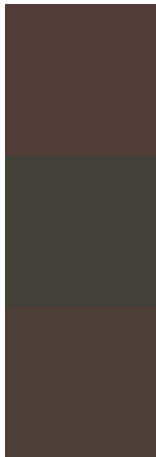


This preview shows how white text looks on a background with the Hex color 533B38.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
533B38

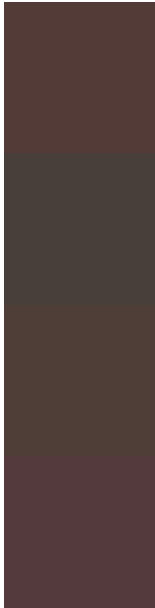
Protanopia
44413B

Deuteranopia
4B3F37



Tritanopia
543A3E

Trichromacy



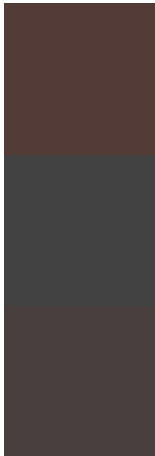
Original Color
533B38

Protanomaly
493F3A

Deuteranomaly
4E3E37

Tritanomaly
543A3C

Monochromacy



Original Color
533B38

Achromatopsia
424242

Achromatomaly
483F3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 533B38 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #533B38 looks like.

```
.text, #text, p{  
    color:#533B38  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #533B38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533B38
}
```

Border

The CSS property to change the border of an element to Hex 533B38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

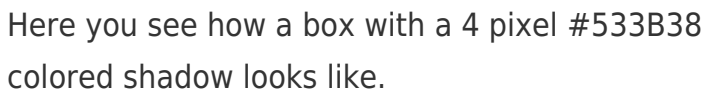
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#533B38 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#533B38 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #533B38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533B38; -webkit-box-shadow:4px 4px  
4px 4px #533B38; box-shadow:4px 4px 4px  
4px #533B38 }
```

Background

The CSS property to change the background color of an element to Hex 533B38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533B38 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#533B38 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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